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SHORT ANSWER

37. What should you do if you are unable to climb with a banner?

Coordinate
lower nose
steep turn into wind

Tell Ground crew and ATC, drop in safe area if able.
Land ASAP. Spot/tell ground crew if banner is far away
from HWO to go get it. Mark location

38. Define a "Hot Hook?"

A hook that is stuck, twisted, wrapped in any way
to impede with flight controls or other hook systems.

hook that cannot be released

39. What are the procedures and where should you land when experiencing
a "Hot Hook?"

Review Tell Ground Crew/ATC - Land into the wind on rvy.
at faster than normal speed and steep approach.
Land, inspect banner.

40. According to the syllabus what are the three phases of a banner drop?

Descent
Level off
Release and Climb.

41. What are the documents required in the **BANNER** aircraft?

Airworthiness Cert Waiver/Certificate of Authorization/Spec.
Registration
Operating Handbook
Weight/Balance ~~Activities.~~
Provisions.

42. List the different parts that make up a tow hook, be specific.

1. O-Ring/Safety link
2. 3/8" nylon rope 15-20' long
3. D-Rings/Quick links
4. Duct Tape.

43. What is your next best friend when you don't have altitude?

Airspeed

44. What is the purpose for using a steep pick as opposed to a flat pick?

Aimpoint
Control
pendulum

The Hook will have more range to catch the rope ~~rather~~
with a steep pick, and to climb the banner up instead
of dragging it flat.

45. Why should you always sump your fuel?

Cause there could be water or contaminants in the fuel.

46. What is the altitude for a banner drop? (On short final)

- a. 400 feet
- b. 300 feet
- ☒ c. 200 feet
- d. 100 feet

47. What is the altitude for a hook check, and which poles? (On short final)

150' Poles #3.

48. During a banner drop, if the banner doesn't drop after you unlock the release mechanism, what are you expected to do?

Climb in B.B to 400' for another try.

If failed again. Tell company, Advise Tower - request landing

w/ banner on rwy. Land and wait on rwy for ground assistance

stay over field as much as possible if release pulled out

49. If you are asked by company to extend your downwind leg, what are you expected to do? (East, west, north, and south ops)

Immediately reply and ask tower for approval.

North ops: we have to Pembroke Rd.

50. If you are on the final leg and company asks you to make a 360 turn for traffic, what are you expected to do?

On Final - Unable, Go around in B.B.

Active rwys on one side and other banner company final on the other side.

Contact TWR

51. If you're unable to climb after you pick a banner, what do you do? (Explain in detail)

- a. Verify full power, rich mixture, cold carburetor - Max performance
- b. Get coordinated (often requires right rudder) - Less Drag
- c. Lower the nose to gain airspeed then try climbing again - Not to lose altitude.
- d. Steep turns into the wind if possible - Increase lift.
- ☒ e. All the above